

ROADWOLF™ HD/IP ANPR CAMERA

roadpixel
ANPR YOU CAN TRUST

The compact and lightweight range of RoadWolf™ ANPR Cameras use the latest LED technology to deliver a new standard of plate reading. Available in Analogue and HD IP formats, the cameras have been designed to be efficient, economic and technically appealing to installation engineers.

Using the latest Sony DSP technology for noise reduction and infrared sensitivity, the RoadWolf cameras capture crisp infrared images of retro-reflective licence plates. The overview camera module captures corresponding contextual images of vehicles both in daylight and in challenging light conditions.

The RoadWolf HD/IP Camera is available with various lens options and is available as a single monochrome infrared (IR) or dual camera with additional colour contextual camera. The camera reads plates at either a site entrance a few metres away - or from a highway gantry scanning high-speed traffic at a distance of up to 40m.

With a 2 megapixel sensor and a resolution of 1920 x 1080p, the camera provides wide lane ANPR coverage of up to 7m. The various lens options enable plates to be read at short range for free flow car park/monitoring applications or at long range reading plates across two lanes of motorway traffic.

FEATURES

- Latest technology LEDS & Varifocal Lenses
- Wide / Dual lane coverage of up to 7m
- Landscape IR diffusers produce even illumination
- High quality extrusion
- Pressure purge valve
- IP67 rated



The cameras are lightweight and utilise a polycarbonate front cover that lets more IR light through. All RoadWolfs are fitted with removable IR diffusers for use at read distances of less than 17m. The diffuser spreads the beam of IR light into a landscape format which then evenly illuminates the whole field of view resulting in much better ANPR performance.

Powered by a 12-24v DC supply, the camera can be also be supplied as a POE device. The camera also has an optional wrap-around 360° sunshield in addition to the sunshield pictured.

A GORE™ valve for pressure equalisation and moisture expulsion complement the RoadWolf's advanced technical design features.

The RoadWolf is also available as a White Light ANPR Camera for non-reflective plates and Middle East Countries.

APPLICATIONS

- Highway Traffic
- Free-Flow Parking Control
- Site Security Control / Monitoring
- Barrier / Access Control
- Dual / Wide Lane Traffic

Technical specification liable to change without notice due to continuous product development.

TECHNICAL SPECIFICATION

ANPR Recognition Range	5-40m / 16-130ft
Lenses	ANPR: Various fixed lens options are available Overview: Day/Night feature
Sensors	ANPR: 1/3" Sony CMOS Colour 1/3" Sony CMOS
Noise Reduction	2 Step Noise Reduction at sensor level
Effective Pixels	2 Megapixels
Resolution	1920 (H) x 1080 (V) or 1280 (H) x 720 (V) configurable
Min Illumination	ANPR: 0.001 Lux @ F1.2 Overview: 0.01 Lux @ F1.2
Shutter Speed	1/50th - 1/100,000 sec
Video Output	ONVIF 2.4
Supported Protocol	TCP/IP, UDP, RTP, RTSP, RTCP, HTTP, DNS, DDNS, DHCP, FTP, NTP, PPPOE, SMTP, UPNP
Secondary Stream	704 x 576 @ 25fps
Illumination	Multi LEDs with separate lenses
IR Wavelength	850nm (other wavelengths available)
IR Diffusion	Low light absorption landscape LED diffuser
IR Illumination Angles	2 Diffuser options to match FOVs
Input Voltage	12-24V DC
Power Consumption	≈10W
Current Consumption	0.5A @ 24V, 1.0A @ 12V
Ingress Protection Rating	IP67
Storage Temperature	-20° to +60° C
Operating Temperature	-20° to +50° C
Operating Humidity	85% RH
Mounting	Standard 4" (101.6mm) PCD fixing point
Brackets	Various mounts available
Dimensions	208 x 94 x 199mm (WxHxD) inc. sunshield
Weight	2.2Kg
MTBF	>50,000 hours



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